

What is claimed is:

1. A battery bolt comprising:

a first portion; and

a sealing portion, wherein the sealing portion is tapered and wherein said sealing portion assists in substantially sealing a mold during a molding operation.

2. The battery bolt of claim 1, wherein said first portion comprises a head portion and said battery bolt further comprises a washer portion, wherein said washer portion includes radial projections.

3. The battery bolt of claim 2, wherein said washer portion is integral with said battery bolt.

4. The battery bolt of claim 2, wherein said radial projections are semi-circular.

5. The battery bolt of claim 2, wherein the ratio of the height of the head portion to the thickness of the washer portion is between 1.0 to 3.0.

6. The battery bolt of claim 5, wherein the ratio of the height of the head portion to the thickness of the washer portion is 1.24.

7. The battery bolt of claim 1, wherein the battery bolt further comprises a non-threaded portion and a threaded portion.
8. A battery bolt comprising, in order:
  - a head portion;
  - a washer portion;
  - a sealing portion; and
  - a threaded portion, wherein the sealing portion is tapered and wherein said sealing portion assists in substantially sealing a mold during a molding operation
9. The battery bolt of claim 8, wherein said washer portion is integral with said battery bolt.
10. The battery bolt of claim, 8 wherein said washer portion contains radial projections.
11. The battery bolt of claim 10, wherein said radial projections are semi-circular.
12. The battery bolt of claim 8, wherein the ratio of the height of the head portion to the thickness of the washer portion is between 1.0 to 3.0.

13. The battery bolt of claim 12, wherein the ratio of the height of the head portion to the thickness of the washer portion is 1.24.
14. The battery bolt of claim 8, wherein the battery bolt further comprises a non-threaded portion.
15. A method of insert molding a battery bolt comprising:
  - providing a battery bolt having a first portion and a sealing portion, wherein the sealing portion is tapered;
  - placing said first portion in a mold cavity;
  - substantially sealing a portion of the mold cavity with said sealing portion;
  - and
  - injecting lead into said mold cavity to form a lead subassembly, wherein said lead is substantially retained in said mold cavity in part by said sealing portion.
16. The method of claim 15, wherein said first portion is a head portion.
17. The method of claim 15, wherein said first portion is a washer portion.
18. The method of claim 15, wherein said bolt further comprises a threaded portion that is located outside of said mold cavity.